

Title (en)  
DRUG DELIVERY DEVICE

Title (de)  
ARZNEIMITTELABGABEVORRICHTUNG

Title (fr)  
DISPOSITIF D'ADMINISTRATION DE MÉDICAMENT

Publication  
**EP 4304684 A1 20240117 (EN)**

Application  
**EP 22713159 A 20220309**

Priority  
• US 202163159335 P 20210310  
• US 2022019418 W 20220309

Abstract (en)  
[origin: US2022288324A1] A drug delivery device including a housing, a drug storage container, and a removable cap is provided. The housing includes a housing camming feature and a longitudinal axis and includes an opening. The drug storage container includes a delivery member having an insertion end configured to extend at least partially through the opening during a delivery state. The removable cap defines a cap camming feature and is configured to be removably coupled with the housing such that the removable cap has a storage position where the removable cap is coupled with the housing and at least partially covering the opening and a removed position where the removable cap is not coupled with the housing. The cap camming feature and the housing camming feature are configured to translate rotational motion into axial motion such that, upon rotational movement of the removable cap, the cap camming feature and/or the housing camming feature urge the removable cap along the longitudinal axis. The housing camming feature and the cap camming feature are each visible to a user of the drug delivery device to signal the camming function of the housing camming feature and the cap camming feature.

IPC 8 full level  
**A61M 5/32** (2006.01); **A61M 5/20** (2006.01)

CPC (source: EP IL US)  
**A61M 5/2033** (2013.01 - IL); **A61M 5/3202** (2013.01 - EP IL US); **A61M 5/3204** (2013.01 - EP IL); **A61M 5/2033** (2013.01 - EP);  
**A61M 2005/3267** (2013.01 - EP IL)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**US 2022288324 A1 20220915**; AU 2022233152 A1 20230817; AU 2022233152 A9 20240516; BR 112023017793 A2 20231003;  
CA 3209084 A1 20220915; CN 116963795 A 20231027; EP 4304684 A1 20240117; IL 304573 A 20230901; JP 2024509234 A 20240229;  
MX 2023010388 A 20230914; TW 202302169 A 20230116; WO 2022192311 A1 20220915

DOCDB simple family (application)  
**US 202217690038 A 20220309**; AU 2022233152 A 20220309; BR 112023017793 A 20220309; CA 3209084 A 20220309;  
CN 202280019847 A 20220309; EP 22713159 A 20220309; IL 30457323 A 20230719; JP 2023554342 A 20220309;  
MX 2023010388 A 20220309; TW 111108508 A 20220309; US 2022019418 W 20220309